

data processing Index Vol 26 Nos 1-10

TITLE INDEX*

Anniversary issue

- From promising beginnings (2)19
- Past, present and future (2)4
- 25 years of *Data Processing* (2)16

Applications

- Accounting in real time (10)25
- Automated hotel systems (3)33
- Automating financial markets. (1)38
- Automation in the factory (4)38
- Benefits of computer-based training (8)41
- Business software for personal computers (5)34
- Buying software for micros (7)39
- Computing for the nonspecialist (2)64
- Data entry in foreign exchange dealings (7)42
- Decision support systems (8)35
- Development and use of a flexible DSS (8)37
- Experiences in FMS (9)33
- Flexible manufacturing systems (9)30
- Information processing for solicitors (3)37
- Intelligent vision in automated factories (2)67
- Making up the bill (3)36
- Micros for accounting (10)27
- Multidimensional modelling (10)30
- New directions for software (8)43
- Optical mark recognition (9)26
- Success for PAYE (5)31
- Using bar codes for product identification (9)28
- Using bureau time for accounting (10)29

Communications

- Conversing with computers (2)49
- Cryptography in data processing (7)36
- Distributed processing under Unix (9)10
- Inhouse networking (4)16
- Local area networking (4)13
- Modems — intelligence before obsolescence (5)28
- Network management of integrated banking systems (3)29
- Need for open systems standards (9)13
- Protocol conversion (9)7
- SNA review (4)5
- Steps to implementing a network (10)17
- Telecommunications networks (2)46
- Terminals in networks (4)15
- Token-ring local area network (4)8
- Using cable in networks (2)52
- Voice and data integration through modems (10)23
- Voice and data integration through PABX (10)20

Ergonomics

- Changing the office to suit new technologies (5)37

Law

- Data protection law (1)34

Office automation

- Ensuring full-time access to data (6)36
- Linking word processors to mainframes (3)9
- Management of personal computers in mainframe environments (3)6
- Office automation and IBM (7)32
- Office automation — more than new technology (4)18
- Supervision in automated offices (6)32

Policy

- Back to homeworking (2)62
- Computer management under threat (2)57
- Covering the cost of accidents (7)11
- Education returns to the home (2)58
- Fighting against FUD (7)8
- IT training for DP staff (7)14
- Leasing IBM equipment (6)38
- Measure of productivity (7)20
- Motivating staff (9)17
- New role for programmers (2)60
- Organizations behind the standards (1)13
- Performance appraisal (1)16
- Planned approach to systems support (1)11
- Productivity centre helps software house (7)23
- Protection of software (6)40
- Recruiting the right people (5)6
- Running a DP department (9)15
- Safety and reliability in computer-based systems (10)11
- Second user peripheral equipment (10)15
- Security and CICS (4)25
- Security begins at home (4)22
- Selecting data entry staff (5)8
- Software development: science, craft or racket? (10)7
- Software management (8)13
- Software registries fight against policy (9)20
- Successful companies design for profit (7)17
- The DPM's role in the office of tomorrow (2)54
- The need for contingency planning (8)6
- The role of computer brokers (10)13
- Towards a new development framework (1)6

Profile

- Computing in Singapore (6)42
- Open and responsible face for IBM (9)37

Software

- Logical programming in Prolog (2)37
- Natural language and knowledge-based systems (2)40
- Practical view to functional programming (2)34

Systems

- APL as implementation language (3)15
- APL in data processing (3)12
- APL in management information (3)16
- Application of artificial intelligence in sales (2)31
- Application of videotex in a manufacturing company (6)12
- Applying videotex in organizations (6)7
- Bubble memory in data processing (8)26
- Chip supplies to grow (7)30

- Combining biology and electronics (2)25
- Comparing MODULA-2 with PASCAL and ADA (10)32
- Compatibility in micros (8)23
- Computer voice output technology (8)30
- Control and audit of computer systems (3)21
- Data analysis (8)15
- Data dictionaries as a tool to greater productivity (6)14
- Data logging with microcomputers (10)35
- Decision support for management (1)19
- Describing businesses with data dictionaries (6)17
- Designing DSS for users (3)25
- Designing user-friendly software systems (5)16
- DSS for micro and mainframe (1)23
- Europe turns to Unix (8)21
- Expert systems are here, now (2)28
- How to choose a fourth generation System Development Environment (9)23
- Improving after-sales service (6)28
- Maintaining software systems (5)19
- Microcomputers and distributed database management (6)20
- Next round in the micro operating battle (4)35
- OCR has a place in data processing (5)10
- Over-friendly software (4)28
- Paradox in software maintenance (3)18
- Pick emerges from the shadows (1)27
- Preview of the future (2)22
- Problems and solutions in software maintenance (6)25
- Regulating the power supply (1)30
- Taking the third party support route (6)30
- The evolution versus creation debate (7)24
- Third party maintenance (5)24
- Time for a standard Unix (8)18
- Update on COBOL standards (7)27
- User views of relational DBMS (3)27
- Using Ada for compilers and operating systems (6)22
- Video and optical recording (4)31
- VM as a migration aid for IBM users (1)24
- Voice input in practice (10)38
- Voice recognition — still a long way to go (5)13
- Where now for videotex? (6)4

Terminals

- 'Fifth generation' terminals (2)43

AUTHOR INDEX

- Aldrich, M J, Using cable in networks (2)52
- Asscher, Yvette, Describing businesses with data dictionaries (6)17
- Attwell, William, Security begins at home (4)22
- Ayres, Michael, Modems — intelligence before obsolescence (5)28
- Baber, Robert, Software development: science, craft or racket? (10)7
- Bapty, Neil, Protocol conversion (9)7
- Barnes, John, Using ADA for compilers and operating systems (6)22

*Numbers in brackets refer to issue numbers.

- Berge, Paul**, Using bar code systems for product identification (9)28
- Bijl, Aart**, Computing for the nonspecialist (2)64
- Blaazer, Caroline**, Supervision in automated offices (6)32
- Breckon, Andy**, Steps to implementing a network (10)17
- Bolton, Ralph**, Running a DP department (9)15
- Brooks, Colin, and Smith, John**, How to choose a fourth generation System Development Environment (9)23
- Brooks, Colin, and Smith, John**, The evolution versus creation debate (7)24
- Broughton, Liz**, Making up the bill (3)36
- Brown, Doug**, Recruiting the right people (5)6
- Brown, Marlene**, DSS for micro and mainframe (1)23
- Brown, Marlene**, Open and responsible face for IBM (9)37
- Brown, Marlene**, User views of relational DBMS (3)27
- Bruce, Margaret**, Successful companies design for profit (7)17
- Campbell, M**, IT training for DP staff (7)14
- Carotte, Geoff**, Measure of productivity (7)20
- Chapin, Ned**, Paradox in software maintenance (3)18
- Chee, K K**, Computing in Singapore (6)42
- Clare, Jeremy, and Ostler, Nick**, Natural language and knowledge-based systems (2)40
- Clerman, Robert J**, Combining biology and electronics (2)25
- Clinton, Bob**, Inhouse networking (4)16
- Coleman, David**, Decision support systems (8)35
- Collins, Steve**, Comparing MODULA-2 with PASCAL and ADA (10)32
- Cook, Nick**, Protection of software (6)40
- Cooper, Ed**, Second user peripheral equipment (10)15
- Cox, John**, Benefits of computer-based training (8)41
- Dale, Chris**, Safety and reliability in computer-based systems (10)11
- Davies, Hugh**, Linking word processors to mainframes (3)9
- Dembo, Kathy**, Application of artificial intelligence in sales (2)31
- Dembo, Kathy**, Business software for personal computers (5)34
- Dembo, Kathy**, Next round in the micro operating battle (4)35
- Dembo, Kathy**, Regulating the power supply (1)30
- Dembo, Kathy**, Third party maintenance (5)24
- Denner, Trevor**, Decision support for management (1)19
- Dennis, Stephen**, Automating financial markets (1)38
- Dijkhuis, Willem**, 'Fifth generation' terminals (2)43
- Dobson, John**, Distributed processing under Unix (9)10
- Dury, Brian**, APL in data processing (3)12
- Ellis, Bill**, Accounting in real time (10)25
- Er, M C**, Problems and solutions in software maintenance (6)25
- Exton-Smith, Howard**, Using bureau time for accounting (10)29
- Fairbairn, David R**, The DPM's role in the office of tomorrow (2)54
- Farmer, Peter J**, 25 years of *Data Processing* (2)16
- Feltman, Charles**, Management of personal computers in mainframe environments (3)6
- Ferguson, Robert**, Organizations behind the standards (1)13
- Firnberg, David**, Telecommunications networks (2)46
- Fletcher, Adrian**, APL in management information (3)16
- Flint, Miles**, Need for open standards (9)13
- Frank, Werner**, Over-friendly software (4)28
- Fryer, Alan**, Update on COBOL standards (7)27
- Garner, B J**, Office automation — more than new technology (4)18
- Gibbs, Joe**, Local area networking (4)13
- Gilb, Tom**, Maintaining software systems (5)19
- Godman, Mike**, Taking the third party support route (6)30
- Goodall, Alex**, Logical programming in Prolog (2)37
- Green, Danny**, Chip supplies to grow (7)30
- Green, David**, Voice recognition — still a long way to go (5)13
- Gunn, John**, Fighting against FUD (7)8
- Handley, Roger**, Compatibility in micros (8)23
- Hart, Mike**, Voice and data integration through the PABX (10)20
- Hatvany, Joe**, Automation in the factory (4)38
- Henderson, Peter**, Practical view to functional programming (2)34
- Hewitt, David**, Information processing for solicitors (3)37
- Hezemans, J M**, see **Scurlock Laurence, D**
- Hindle, Keith**, Towards the new development framework (1)6
- Hopkins, Bill**, Success for PAYE (5)31
- Hosier, Jeff**, Office automation and IBM (7)32
- Hoskins, Tony**, Selecting data entry staff (5)8
- Johnson, M H**, From promising beginnings (2)19
- Jones, Emrys**, Time for a standard Unix (8)18
- Jones, Russell**, Data analysis (8)15
- Jones, Russell**, New role for programmers (2)60
- Jones, Russell**, SNA review (4)5
- Jones, Russell**, Where now for videotex (6)4
- Joseph, Earl C**, Preview of the future (2)22
- Kirvan, Paul F**, Conversing with computers (2)49
- Kurer, Oliver**, Multidimensional modelling (10)30
- Lawrence, Kathy**, Data entry in foreign exchange dealings (7)42
- Lawrence, Kathy**, Europe turns to Unix (8)21
- Lawrence, Kathy**, Improving after-sales service (6)28
- Lawrence, Kathy**, Motivating staff (9)17
- Lawrence, Kathy**, Voice input in practice (10)38
- Leibert, Alan**, Security and CICS (4)25
- Lennon, R E, Matyas, S M, and Meyer, C H**, Cryptography in data processing (7)36
- List, William**, Control and audit of computer systems (3)21
- MacNulty, Kirk**, Performance appraisal (1)16
- Matyas, S M**, see **Lennon, R E**
- McLening, Maggie**, Buying software for micros (7)39
- McLening, Maggie**, Pick emerges from the shadows (1)27
- Meyer, C H**, see **Lennon, R E**
- Millar, William G**, Flexible manufacturing systems (9)30
- Mitchell, Ashley**, Leasing IBM equipment (6)38
- Morham, Walter H**, Intelligent vision in automated factories (2)67
- Morée, Peter**, The role of computer brokers (10)13
- Muckersie, J B, and Young, R P**, Application of videotex in a manufacturing company (6)12
- Nancolas, Geoff**, Productivity centre helps software house (7)33
- Oades, Richard**, Changing the office to suit new technologies (5)7
- Omatayo, O R**, Computer voice output technology (8)30
- Omatayo, O R**, Designing user-friendly software systems (5)16
- Omatayo, O R**, Data logging with microcomputers (10)35
- Ostler, Nick**, see **Clare, Jeremy**
- Partridge, David C**, VM as a migration aid for IBM users (1)24
- Pendse, Nigel**, Designing DSS for users (3)25
- Perkins, Fred**, APL as implementation language (3)15
- Phillips, Colin**, Automated hotel systems (3)33
- Poole, Frank**, Microcomputers and distributed database management (6)20
- Rand, Tony**, New directions for software (8)43
- Reddi, Arumalla**, Software management (8)13
- Reece, Charles**, Bubble memory in data processing (8)26
- Roddy, John**, see **Thomas, Hilary**
- Scurlock, Lawrence D, Hezemans, J M, and Th Verhoeven, J A**, Video and optical recording (4)31
- Sell, Peter**, Expert systems are here, now (2)28
- Simmons, Alan**, Voice and data integration through modems (10)23
- Smith, John**, see **Brooks, Colin**
- Stonier, Tom**, Education returns to the home (2)58
- Strole, Norman C**, Token-ring local area network (4)8
- Thomas, Hilary and Roddy, John**, Applying videotex in organizations (6)7
- Th Verhoeven, J A**, see **Scurlock, Lawrence, D**
- Van Duyn, Julia**, Data dictionaries as a tool to greater productivity (6)14
- Vann, John**, Covering the cost of accidents (7)11
- Vann, John**, Software registries fight against piracy (9)20
- Walkinshaw, Ian**, Development and use of a flexible DSS (8)37
- Wells, Vince**, Micros for accounting (10)27
- Wheeler, Doreen**, Planned approach to systems support (1)11
- White, Nick**, Network management of integrated banking systems (3)29
- Wilkinson, Jane**, Back to homeworking (2)62
- Wong, Ken**, Data protection law (1)34
- Wong, Ken**, The need for contingency planning (8)6
- Woods, John**, OCR has a place in data processing (5)10
- Wynn, Raoul**, Optical mark recognition (9)26
- Yearsley, Ronald**, Computer management under threat (2)57
- Young, R P**, see **Muckersie, J B**

